

An Optical Waveguide Microstructured Environment Absorption Cell

ABSTRACT OF THE DISCLOSURE

Embodiments in accordance with the invention provide an absorption environment
5 cell having a first wave-guide, a holey wave-guide containing a selective absorption
medium, and a second wave-guide. A first terminus of the holey wave-guide is coupled to
a first terminus of the first wave-guide. A second terminus of the holey wave-guide is
coupled to a first terminus of the second wave-guide.